

WHAT IS CLAIMED IS:

1. A device information displaying system for displaying device internal information of one or more information devices, comprising:
 - 5 information browser means which acquires and analyzes document data described in a markup language, converts the acquired document data into layout data having a prescribed structure based on result of the analysis, and makes a display based on the layout data; and
 - device information providing means which acquires the device internal information of the one or more information devices, generates display data containing the device internal
 - 10 information and having a structure equivalent to the prescribed structure of the layout data generated by the information browser means, and displays the generated display data through the information browser means.
2. The device information displaying system according to claim 1, wherein the device
- 15 information providing means has stylized data corresponding to the type of the information device to be used as a base of the display data.
3. The device information displaying system according to claim 2, wherein the stylized
- 20 data are prepared in multiple types corresponding to the types of the information devices.
4. The device information displaying system according to claim 1, wherein the device
- information providing means further has a function of writing operation information, including at least one of setting information and a control instruction, into the one or more
- 25 information devices.
5. The device information displaying system according to claim 4, wherein the device
- information providing means includes a device information interface which functions as an interface for receiving a request signal according to a prescribed procedure and executing the
- acquisition of the device internal information from the one or more information devices and
- 30 the writing of the operation information according to the request signal.
6. The device information displaying system according to claim 5, wherein:

the information browser means and the device information providing means are implemented in one information device, and

the device information interface acquires the device internal information of the one information device.

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7. The device information displaying system according to claim 5, wherein the device information interface is connected to the one or more information devices via a wired and/or wireless network and acquires the device internal information from the one or more information devices via the network.

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8. The device information displaying system according to claim 1, wherein the one or more information devices include at least one of a cellular phone, a home information appliance and a vehicle-mounted device.

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9. The device information displaying system according to claim 1, wherein the device internal information includes at least one of information on the types of the information devices and information on peripheral devices of each of the one or more information devices.

10. A program letting a computer function as:

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information browser means which acquires and analyzes document data described in a markup language, converts the acquired document data into layout data having a prescribed structure based on result of the analysis, and makes a display based on the layout data; and

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device information providing means which acquires device internal information of one or more information devices, generates display data containing the device internal information of the one or more information devices and having a structure equivalent to the prescribed structure of the layout data generated by the information browser means, and displays the generated display data through the information browser means.

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11. The program according to claim 10, wherein the device information providing means has stylized data corresponding to the type of the information device to be used as a base of the display data.

12. The program according to claim 11, wherein the stylized data are prepared in multiple types corresponding to the types of the information devices.
13. The program according to claim 10, wherein the device information providing means
5 further has a function of writing operation information, including at least one of setting information and a control instruction, into the one or more information devices.
14. The program according to claim 13, wherein the device information providing means includes a program interface which receives a request according to a prescribed procedure and
10 executes the acquisition of the device internal information from the one or more information devices and the writing of the operation information according to the request.
15. The program according to claim 14, wherein:
the information browser means and the device information providing means are
15 implemented in one information device, and
the program interface acquires the device internal information of the one information device.
16. The program according to claim 14, wherein the program interface is connected to
20 the one or more information devices via a wired and/or wireless network enabling communication and acquires the device internal information from the one or more information devices via the network.
17. The program according to claim 10, wherein the one or more information devices
25 include at least one of a cellular phone, a home information appliance and a vehicle-mounted device.
18. The program according to claim 10, wherein the device internal information includes
at least one of information on the types of the information devices and information on
30 peripheral devices of each of the one or more information devices.
19. An information browser program having a function of making access to a Web server

according to a prescribed protocol, along with an analysis function of acquiring and analyzing document data described in a markup language, a conversion function of converting the acquired document data into layout data having a prescribed structure based on result of the analysis, and a display function of making a display based on the layout data,

- 5 wherein the information browser program further has a device information providing function of acquiring device internal information of one or more information devices according to a prescribed program interface, converting the acquired device internal information into display data having a structure equivalent to the prescribed structure of the layout data, and displaying the generated display data through the display function.